



DT15 Rec'd PCT/PTO JUN 21 2002
10/088478

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

TURBERFIELD, A. t al.

Atty. Ref.: **117-386**

Serial No. **10/088,478**

Group:

Filed: **May 21, 2002**

Examiner:

For: **POROUS FILTER ELEMENT AND METHOD OF
FABRICATION THEREOF**

* * * * *

June 21, 2002

Assistant Commissioner for Patents
Washington, DC 20231

Sir:

RESPONSE

Responsive to the Notice dated June 11, 2002 (copy attached), applicants submit that the requisite inventors' Declaration identifying the application by International application number and International filing date was filed May 21, 2002. The filing fees were paid March 20, 2002.

A copy of applicants' Declaration and the undersigned's cover sheet accompanying the same on May 21, 2002, are attached for the convenience and consideration of the Office.

In addition, a copy of the undersigned's postcard receipt, as evidence that the Patent Office received these materials on May 21, 2002, is also attached.

TURBERFIELD, A. t al.
Serial No. 10/088,478

The Office is requested to contact the undersigned if anything further is required in response to the Notice of to File Missing Parts dated June 11, 2002.

Respectfully submitted,

NIXON & VANDERHYE P.C.

By: _____



Arthur R. Crawford
Reg. No. 25,327

ARC:eaw
1100 North Glebe Road, 8th Floor
Arlington, VA 22201-4714
Telephone: (703) 816-4000
Facsimile: (703) 816-4100

FORM PTO-1390 (REV 11-2000)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY'S DOCKET NUMBER 117-386
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5) 10/088,478
INTERNATIONAL APPLICATION NO. PCT/GB00/03602	INTERNATIONAL FILING DATE 20/09/2000	PRIORITY DATE CLAIMED 20/09/1999

COPY

TITLE OF INVENTION

POROUS FILTER ELEMENT AND METHOD OF FABRICATION THEREOF

APPLICANT(S) FOR DO/EO/US

TURBERFIELD, A. et al.

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☐ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☒ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☐ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☐ The U.S. has been elected by the expiration of 19 months from the priority date (Article 31).
5. A copy of the International Application as filed (35 U.S.C. 371(c)(2)).
 - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ has been communicated by the International Bureau.
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
 - a. ☐ is attached hereto.
 - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ have been communicated by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has **NOT** expired.
 - d. ☐ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ A English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 To 20 below concern document(s) or information included:

11. ☐ An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98.
12. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included.
13. ☐ A **FIRST** preliminary amendment.
14. ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
15. ☐ A substitute specification.
16. ☐ A change of power of attorney and/or address letter.
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825.
18. ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. ☐ Other items or information.

U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.101) 10/088,478	INTERNATIONAL APPLICATION NO. PCT/GB00/03602	ATTORNEY'S DOCKET NUMBER 117-386
---	--	--

21. <input checked="" type="checkbox"/> The following fees are submitted: BASIC NATIONAL FEE (37 C.F.R. 1.492(a)(1)-(5): -- Neither international preliminary examination fee (37 C.F.R. 1.482) nor international search fee (37 C.F.R. 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO\$1040.00 -- International preliminary examination fee (37 C.F.R. 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO.....\$890.00 -- International preliminary examination fee (37 C.F.R. 1.482) not paid to USPTO but international search fee (37 C.F.R. 1.445(a)(2)) paid to USPTO.....\$740.00 -- International preliminary examination fee (37 C.F.R. 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4).....\$710.00 -- International preliminary examination fee (37 C.F.R. 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4).....\$100.00 <div style="text-align: right;">ENTER APPROPRIATE BASIC FEE AMOUNT =</div>	<div style="font-size: 2em; font-weight: bold; opacity: 0.5;">COPY</div> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th colspan="2" style="text-align: left;">CALCULATIONS</th> <th style="text-align: left;">PTO USE ONLY</th> </tr> <tr> <td style="width:50%;">\$</td> <td style="width:25%; text-align: right;">0.00</td> <td style="width:25%;"></td> </tr> <tr> <td>\$</td> <td style="text-align: right;">0.00</td> <td></td> </tr> </table>	CALCULATIONS		PTO USE ONLY	\$	0.00		\$	0.00	
CALCULATIONS		PTO USE ONLY								
\$	0.00									
\$	0.00									

Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 C.F.R. 1.492(e)).					\$	0.00	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		\$	0.00	
Total Claims	20	-20 =	0	X	\$18.00	0.00	
Independent Claims	3	-3 =	0	X	\$84.00	0.00	
MULTIPLE DEPENDENT CLAIMS(S) (if applicable)					\$280.00	0.00	
TOTAL OF ABOVE CALCULATIONS =					\$	0.00	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.						0.00	
SUBTOTAL =					\$	0.00	
Processing fee of \$130.00, for furnishing the English Translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 C.F.R. 1.492(f)).					\$	0.00	
TOTAL NATIONAL FEE =					\$	0.00	
Fee for recording the enclosed assignment (37 C.F.R. 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 C.F.R. 3.28, 3.31). \$40.00 per property					\$	40.00	
Fee for Petition to Revive Unintentionally Abandoned Application (\$1280.00 - Small Entity = \$640.00)					\$	0.00	
TOTAL FEES ENCLOSED =					\$	40.00	

	Amount to be:		
	refunded	\$	
	Charged	\$	

a. ☒ A check in the amount of \$40.00 to cover the above fees is enclosed.
b. ☐ Please charge my Deposit Account No. 14-1140 in the amount of \$_____ to cover the above fees. A duplicate copy of this form is enclosed.
c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 14-1140. A duplicate copy of this form is enclosed.
d. ☒ The entire content of the foreign application(s), referred to in this application is/are hereby incorporated by reference in this application.

NOTE: Where an appropriate time limit under 37 C.F.R. 1.494 or 1.495 has not been met, a petition to revive (37 C.F.R. 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

NIXON & VANDERHYE P.C.
 1100 North Glebe Road, 8th Floor
 Arlington, Virginia 22201-4714
 Telephone: (703) 816-4000
 ARC:plc

SIGNATURE

Arthur R. Crawford

NAME

25,327

REGISTRATION NUMBER

May 21, 2002

Date

ARC
117-386

UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents, Box P01
United States Patent and Trademark Office
Washington, D.C. 20231
www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/088,478	Andrew Jonathan Turberfield	177-386

DOCKET

INTERNATIONAL APPLICATION NO.

PCT/GB00/03602

Athur R Crawford
Nixon & Vanderhye
1100 North Glebe Road 8th Floor
Arlington, VA 22201-4714

CLT/MATTER # 117-386
MAIL DATE 6-11-02
DUE DATE Aug 11, 2002
FINAL DEADLINE Jan 11, 2002
DOCKETED BY pat/mf

I.A. FILING DATE	PRIORITY DATE
09/20/2000	09/20/1999

CONFIRMATION NO. 2939

371 FORMALITIES LETTER



OC00000008256464

Date Mailed: 06/11/2002

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as an Elected Office (37 CFR 1.495):

- U.S. Basic National Fees
- Priority Document
- Copy of IPE Report
- Copy of references cited in ISR
- Copy of the International Application
- Copy of the International Search Report
- Preliminary Amendments
- Request for Immediate Examination

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTH FROM THE DATE OF THIS NOTICE OR BY 22 or 32 MONTHS (where 37 CFR 1.495 applies) FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

WINSTON M ALVARADO

Telephone: (703) 305-6421

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/088,478	PCT/GB00/03602	177-386

FORM PCT/DO/EO/905 (371 Formalities Notice)